

Title (en)  
DATA MANAGEMENT

Title (de)  
DATENVERWALTUNG

Title (fr)  
GESTION DE DONNÉES

Publication  
**EP 4009170 A1 20220608 (EN)**

Application  
**EP 21178094 A 20210607**

Priority  
CN 202011408730 A 20201204

Abstract (en)  
A data management method, apparatus, a computing device, a storage medium, and a cloud platform are provided. The data management method includes: obtaining a task request, the task request indicating to retrieve stored data to execute a task; updating execution information for the data, the execution information for the data describing one or more tasks that need retrieval of the data and the execution frequency of each of the tasks; calculating, based on the updated execution information for the data and for each of a plurality of storage locations, a storage location specific cost value of the data; and determining an objective storage location of the data according to the calculated cost value.

IPC 8 full level  
**G06F 9/48** (2006.01); **G06F 3/06** (2006.01)

CPC (source: CN EP US)  
**G06F 3/0629** (2013.01 - CN); **G06F 3/067** (2013.01 - CN); **G06F 9/4881** (2013.01 - US); **G06F 9/5011** (2013.01 - EP);  
**G06Q 30/0283** (2013.01 - EP US)

Citation (search report)

- [I] US 10671290 B2 20200602 - DU HUABING [CN], et al
- [A] US 9760306 B1 20170912 - BIGMAN RON [IL], et al
- [A] WO 2005109212 A2 20051117 - COMMVAULT SYSTEMS INC [US], et al

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**US 2021318907 A1 20211014**; CN 112540727 A 20210323; EP 4009170 A1 20220608; EP 4009170 B1 20231122; JP 2021152911 A 20210930;  
JP 7185727 B2 20221207

DOCDB simple family (application)  
**US 202117355134 A 20210622**; CN 202011408730 A 20201204; EP 21178094 A 20210607; JP 2021087330 A 20210525